Index of Claims

| Application No. | Applicant(s)     |
|-----------------|------------------|
| 09/285,929      | MCELFRESH ET AL. |
| Examiner        | Art Unit         |
| Sanjiv D. Shah  | 2176             |

✓ Rejected= Allowed

- (Through numeral)
Cancelled

+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla      | aim      | n Date       |                 |          |               |               |                                      | 60.M  | Claim Date |            |          |                 |  |  | С  | aim      | Date    |            |               |  |         |  |          |                      |          |          |
|----------|----------|--------------|-----------------|----------|---------------|---------------|--------------------------------------|---|------------|------------|----------|-----------------|--|--|--|----------|---------|------------|---------------|--|---------|--|----------|----------------------|----------|----------|
|          |          |              |                 |          |               |               |                                      |   |            |            |          |                 | T  |  | Т  | Τ        | П       |            |               |  | $\neg$  |  |          |                      |          |          |
| <u>a</u> | Original | 1/8/05       |                 |          |               |               |                                      |   |            | 7 .<br>1 . | ਲ        | Original        |  |  |  | 117      | ਰ       | Original   |               |  |         |  |          |                      |          |          |
| Final    | Ē        | 8            |                 |          |               |               |                                      | - 1   |            |            | Final    | ij              |  |  |  |          | Final   | ij         |               |  |         |  |          |                      |          | - 1      |
| ۳.       | ō        | -            |                 |          |               |               |                                      | - 1   |            | 5          | <b>.</b> | Õ               |  |  |  | 3-1      | _       | Ō          | - 1           |  |         |  |          |                      |          |          |
| 1        | 1        | =            | $\vdash$        | $\dashv$ | $\dashv$      | -+            |                                      | +   | +          | 3 J        |          | <b>5</b> 1      | <del>                                     </del> | +  | <del>                                     </del> | - 4ª     |         | 101        | $\dashv$      | +  | +       | ╁  | -        | ├─┤                  |          | $\dashv$ |
|          |          |              | Н               | $\dashv$ |               | -             |                                      |   | ╅          |            |          | 3               |  | +  | ++   | - No. 60 |         | 102        | $\dashv$      | +  | +       | ╁  | -        | ┝─┤                  |          | $\dashv$ |
| 2        | 2        | =            | $\vdash \vdash$ | -        | -             | -+            | +                                    | +   | +          | 1          |          | 3               |  | ++   | <del> </del>                                     | - 4      |         |            |               | -  | +       | ┼  | <u> </u> | <del>├─</del> ┤      |          | $\dashv$ |
| 3        | 3        | =            | Н               | -        | -             | -             |                                      | -   | +-         | 7          |          | 333             | <del>-   -   -  </del>                           | ++   | ++   | _ ".     |         | 103        | $\dashv$      | +  | +       |  | <u> </u> | ├                    |          |          |
| 5        | 4        | =            |                 |          |               | 4             | _                                    |   |            |            |          | 34              |  |  | $\vdash$   | -12      |         | 104        | $\dashv$      | +  | _       | $\vdash$   | $\vdash$ | $\vdash \vdash$      | $\dashv$ |          |
| 6        | 5        | =            | $\sqcup$        | _        | -             | —⊦            |                                      | -   | -          | 11111111   |          | 55              | $\longrightarrow$                                | +  | +++  | - 3      |         | 105        |               |  |         |  | _        | $\sqcup$             |          |          |
| 4        | 6        | Ξ            | L               | _        |               | _             | _                                    |   | -          | 45         |          | <b>ქ</b> 6      |  |  |  |          |         | 106        |               | $\perp$  |         | _  | Ш        | Ш                    | _        | _        |
| 7        | 7        | =            | Ш               |          |               | _             |                                      |   | $\perp$    |            |          | 57              |  |  | 1  |          |         | 107        | _             | _  | $\perp$ | ┞  | Ш        | Ш                    | _        | _        |
| 8        | 8_       | =            | Ш               |          |               | _             |                                      |   |            |            |          | 58              |  | $\perp \perp$                                    |  | 1.3      |         | 108        |               |  |         | _  |          |                      |          |          |
|          | 9        |              |                 |          |               | 4             |                                      |   |            |            |          | 59              |  |  |  |          |         | 109        | $\perp$       | $\perp$  |         | <u></u>  |          | Ш                    |          |          |
|          | 10       |              |                 |          |               |               |                                      |   | _          |            |          | 60              |  |  |  | ~4       |         | 110        |               |  |         |  |          |                      |          |          |
|          | 1        |              |                 |          |               |               |                                      |   | $\Gamma$   |            |          | 61              |  |  |  |          |         | 111        |               |  |         |  |          |                      |          |          |
|          | 12       |              | П               | $\neg$   | $\neg$        |               | T                                    | 7   | T          |            |          | 622             |  |  |  | 10.      |         | 112        |               |  |         |  |          |                      |          |          |
|          | 13       |              | П               |          |               | $\neg$        | $\neg$                               | 7   |            |            |          | 633             |  | $\top$   |  |          |         | 113        | $\neg$        | $\neg \vdash$                                  |         | П  |          |                      | 一        | $\neg$   |
|          | 14       |              | Н               | ┪        | $\dashv$      | $\neg$        | +                                    | +   | 1          |            |          | <del>888</del>  |  | <del>                                     </del> |  |          |         | 114        | $\neg$        | $\neg$   | 1       | T  | П        | П                    | _        | ᅥ        |
| <b></b>  | 15       | Η-           |                 | -        | $\dashv$      | $\top$        | $\dashv$                             | $\top$  | +          |            |          | <del>) 18</del> |  | +  |  |          |         | 115        | $\dashv$      | $\dashv$                                       | $\top$  | t  | Н        | Н                    | _        | $\dashv$ |
| _        | 16       | -            | $\vdash$        | _        | $\rightarrow$ | -             | $\dashv$                             | $\vdash$  | +          |            |          | <b>A</b>        |  | + + -  | <del>                                     </del> | 5.6      |         | 116        | _             | $\dashv$                                       | +       | +  | $\vdash$ | $\vdash$             | $\dashv$ | ᅥ        |
| <u> </u> | 17       | ⊢            | $\vdash$        | $\dashv$ | $\dashv$      |               | -+-                                  |   | +          |            |          | 66<br>67        | <del>-                                    </del> |  | +++  |          |         | 117        | $\dashv$      | +  | +       | $\vdash$   | H        | $\vdash$             | $\dashv$ | ᅥ        |
| ļ        |          | -            | $\vdash$        | $\dashv$ | -             |               | +                                    | +   | +          |            |          | 68              |  | +  | ++   |          |         | 118        | $\dashv$      | +  | +       | ╁  |          | $\vdash$             | ⊣        | $\dashv$ |
| <u> </u> | 18       | -            | $\vdash \vdash$ | $\dashv$ | $\dashv$      |               | +                                    | -   | +          |            |          |                 |  | +  | ++   | -        |         |            | $\rightarrow$ |  | +       | +  | H        | $\vdash$             |          | ᅴ        |
| 9        | 19       | =            |                 |          | -             | +             | -                                    |   | +-         |            |          | 8               |  | +  | $\vdash$   |          |         | 119        | -             | $\dashv$                                       | +       | ⊢  | Н        | Н                    | -        | $\dashv$ |
| 10       | 20       | =            |                 |          |               | _             | _                                    | _   |            |            |          | 70              |  | $\bot\bot$                                       | $\sqcup \sqcup$                                  | 45       |         | 120        |               |  |         | ↓  |          | $\sqcup$             |          | _        |
| 11       | 21       | =            |                 |          |               | _             | $\perp$                              |   | _          |            |          | 71              |  | $\bot$   | <u> </u>   |          |         | 121        | _             | _ _  |         | ╙  | Ш        | Ш                    | _        | _        |
| 12       | 22       | =            |                 |          |               |               | $\perp$                              | ┸   |            | 197        |          | 72              |  | $\bot$   |  |          |         | 122        |               |  |         | ┖  | Ш        | Ш                    | _        |          |
| 13       | 23       | =            | Ш               |          |               |               | $\perp$                              |   | ┸          | 7.0        |          | 7B              |  |  |  |          |         | 123        |               |  |         | <u> </u>   |          |                      |          | _        |
| 14       | 24       | =            |                 |          |               |               |                                      |   |            |            |          | 74              |  |  |  |          |         | 124        |               |  |         |  |          |                      |          |          |
| 15       | 25       | =            |                 |          |               |               |                                      |   |            |            |          | 75              |  |  |  |          |         | 125        |               |  |         |  |          |                      |          |          |
| 16       | 26       | =            | П               |          |               |               |                                      |   |            |            |          | 76              |  |  |  |          |         | 126        |               |  |         |  |          |                      |          |          |
|          | 27       |              |                 | 7        | T             |               | $\neg$                               | T   | 1          |            |          | 77              |  |  |  |          |         | 127        | T             |  | 1       | Т  |          |                      |          |          |
|          | 28       | ┪            |                 |          | 一             | $\neg$        | $\neg$                               | 十   | $\top$     |            |          | 78              |  |  |  | 735      |         | 128        |               | T  | $\top$  | $\vdash$   |          | П                    | _        | ヿ        |
|          | 28<br>29 |              | $\Box$          | 7        | $\neg$        | $\neg$        | 十                                    | _   | 1          |            |          | 79              | 1. 1 1   | 11   |  |          |         | 129        | _             | T  | $\top$  | t  |          | П                    | 寸        | コ        |
|          | 30       | -            |                 | _        | $\neg$        |               |                                      | _   | _          |            |          | 80              |  | <del></del>                                      |  |          |         | 130        | $\dashv$      | _  | +       | <del>                                     </del> | $\vdash$ | $\vdash$             | $\dashv$ | $\neg$   |
|          | 3        | $\vdash$     | $\vdash$        | ┪        | -+            | $\dashv$      | +                                    | -   |            |            |          | 81              | <del></del>                                      |  | +++  | 11       |         | 131        | -+            | $\dashv$                                       | +-      | +  | $\vdash$ | $\vdash$             | _        | $\dashv$ |
|          | 32       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$      | -                                    | +   | +          | 44.        |          | 82              | +++  | ++   | <del>       </del>                               |          |         | 132        | -             |  | +       | ╁  | $\vdash$ | H                    | $\dashv$ | $\dashv$ |
| $\vdash$ | 33       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$      | $\rightarrow$ | +                                    | +   | +          | 7          |          | 83              | <del>-                                    </del> | ++-  | <del>-                                    </del> | - 194    |         | 133        | $\rightarrow$ | +  | +       | ╫  | $\vdash$ | $\vdash \vdash$      | $\dashv$ | $\dashv$ |
|          |          |              |                 | -        |               | +             | +                                    | +   | +          | 100        |          | 84              | -+   | +  | <del>     </del>                                 | -        |         |            | $\dashv$      | +  | +       | ╁  | $\vdash$ | $\vdash$             | $\dashv$ | $\dashv$ |
| $\vdash$ | 34<br>35 | <del> </del> | $\dashv$        | $\dashv$ | $\dashv$      | +             | +                                    |   | +          |            |          |                 |  | ++   | <del>                                     </del> | -        |         | 134<br>135 | $\dashv$      | $\dashv$                                       | +       | ╁  | Н        | $\vdash \vdash$      |          | 긕        |
| 47       |          | _            | $\vdash \vdash$ | $\dashv$ | $\dashv$      | +             | +                                    | +   | +-         |            |          | 85              | $\longrightarrow$                                | ++-  | <del>├-}-</del>                                  | -        |         |            | -+            | -  | +       | $\vdash$   | $\vdash$ | ${oldsymbol{arphi}}$ | -        | $\dashv$ |
| 17       | 36       | =            | ${oxed}$        | _        | $\dashv$      | $\dashv$      | +                                    | +   | +          |            |          | 86              | +++  |  | <del>├- </del>                                   |          |         | 136        | -             | _  | +       | ╀  | Н        | Н                    | -        | _        |
| 18       | 37       | =            | $\sqcup$        | _        | _             | $\perp$       | +                                    | 4   | +          |            |          | 87              | $\sqcup \sqcup \sqcup$                           | ++   | +++  | 4        |         | 137        | _             |  |         | _  | <u> </u> | Ш                    | _        | 二        |
| 19       | 38       | =            | Щ               | _        | 4             | 4             | 4                                    | _   | 4          |            | L        | 88              |  | +  |  | -155     | Ļ       | 138        | _             |  | $\perp$ | _  | Щ        | Щ                    | _        | _        |
| 20       | 39       | =            | Щ               | ļ        | _             | $\dashv$      |                                      | $\perp$   |            |            |          | 89              |  | +  | $\sqcup \bot \bot$                               | 44       |         | 139        |               |  | Ц_      | <del></del>                                      | L.       | $\sqcup \downarrow$  | _        | _        |
| 26       | 40       | =            | Ш               | $\perp$  | $\perp$       |               | ⊥                                    |   | $\perp$    |            |          | 90              |  | $\bot\bot$                                       | $\bot \bot \bot$                                 |          | <u></u> | 140        |               |  |         | _  | Ш        | Ш                    | l        |          |
| 27       | 41       | =            |                 |          | $\perp$       | $\perp$       | $\perp \!\! \! \! \! \! \! \! \perp$ |   |            |            |          | 91              |  | $\perp \perp$                                    | $\sqcup \sqcup$                                  |          |         | 141        |               |  | $\perp$ |  |          | Ш                    |          |          |
| 28       | 42       | =            |                 |          | $\Box$        | $\Box$        |                                      |   |            |            |          | 92              |  |  |  |          |         | 142        | $\Box$        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ |         | L  |          | LΙ                   |          | _]       |
| 29       | 43       | =            |                 | $\Box$   | $\Box$        | $oxed{J}$     | $oldsymbol{\mathbb{I}}$              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |            |            |          | 93              |  | $\Box \Box$                                      |  |          |         | 143        | $\Box$        | $\Box \Gamma$                                  |         |  |          |                      | $\Box$   | ┚        |
| 21       | 44       | =            |                 | 7        | T             | Т             |                                      |   |            |            |          | 94              |  |  |  | T (5%)   |         | 144        | T             |  | T       |  |          | Π                    |          | ヿ        |
| 22       | 45       | =            | $\Box$          |          | $\neg$        | $\dashv$      | 十                                    |   |            | H.         |          | 95              |  | 7  |  | \$<br>5  |         | 145        | $\neg$        | $\neg$   | $\top$  | Π  | П        | П                    | 一        | ヿ        |
| 23       | 46       | =            |                 | 7        | 十             | $\neg$        |                                      | 丅   |            |            |          | 96              |  | $\neg \vdash$                                    |  | 7.7-     |         | 146        | 一             | $\neg$   | 十       | T  | П        | H                    | T        | ヿ        |
| 24       | 47       | ┰            | $\vdash$        | 一        | 十             | 十             | $\top$                               | 十   | 1          |            |          | 97              | <del>-        </del>                             | <del>     </del>                                 | <del>                                     </del> |          |         | 147        | 一十            | $\vdash$                                       | _       | $t^-$  | П        | $\vdash$             | $\neg$   | $\dashv$ |
| 25       | 48       | =            | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$      | $\dashv$                             | +   | +-         |            |          | 98              | <del>-   -   -  </del>                           | ++   | <del>                                     </del> |          |         | 148        | $\dashv$      | -  | +       | $\vdash$   | Н        | $\vdash$             | $\dashv$ | $\dashv$ |
| 30       | 49       | =            | $\vdash$        | $\dashv$ | $\dashv$      | $\dashv$      | +                                    | +   | +          | 3/1        |          | 99              | <del>-   -   -  </del>                           | ++   | <del>                                     </del> | 1 2      |         | 149        | $\dashv$      | +  | +       | +  | ╁╌┤      | $\dashv$             | $\dashv$ | $\dashv$ |
| 31       | 50       | =            | $\vdash$        | $\dashv$ | $\dashv$      | +             | +                                    | +   | +          |            |          | 100             | <del>-   -   -  </del>                           | ++   | <del>                                     </del> | -07      |         | 150        | -+            | +  | +-      | $\vdash$   | Н        | Н                    | $\dashv$ | $\dashv$ |
| JI       | JU       | I 🖺 .        |                 | - 1      | - 1           | - 1           | - 1                                  | - 1   |            | 19.00      |          | 100             | 1 1 1  | 1 1  | 1 1 1  | -        | l       | i iou l    | - 1           | - 1  | - 1     | 1  | ı l      |                      | - 1      | - 1      |